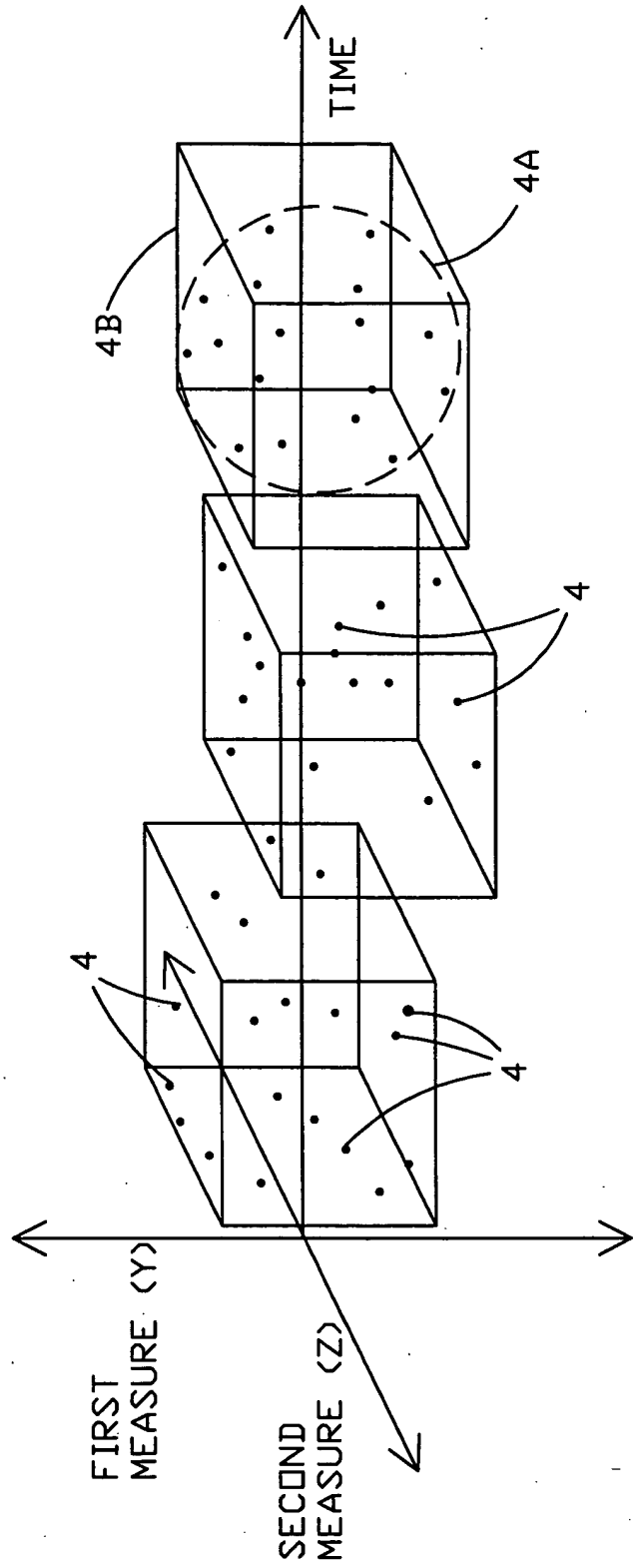

FIG. 1
(PRIOR ART)

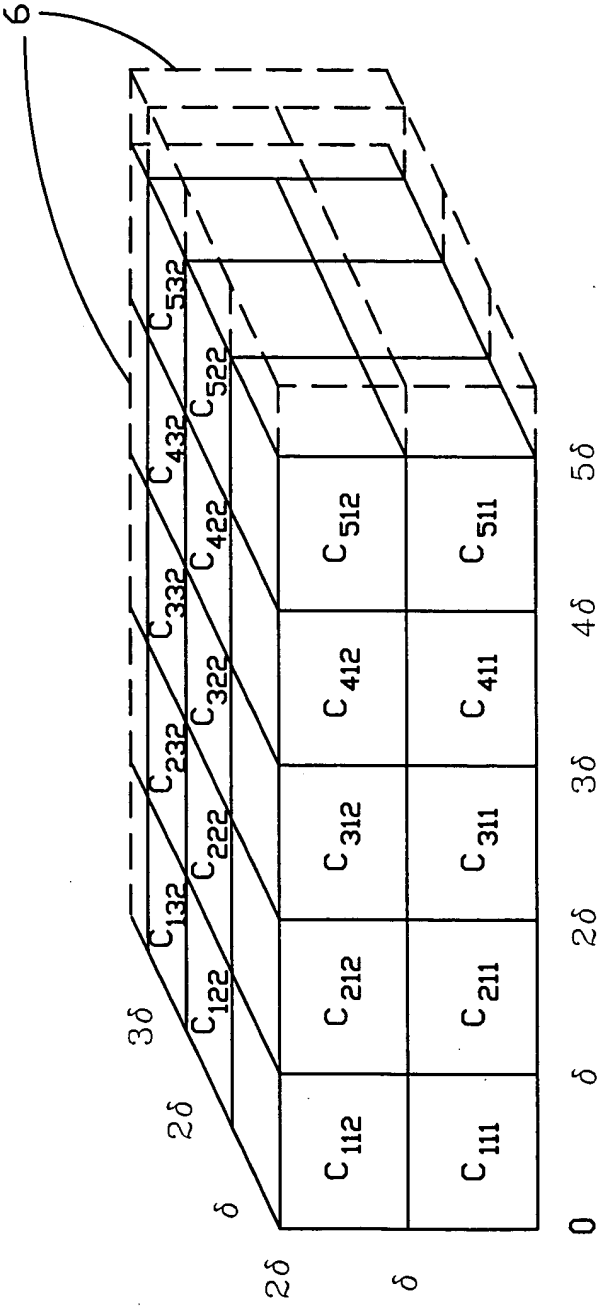

FIG. 2
(PRIOR ART)

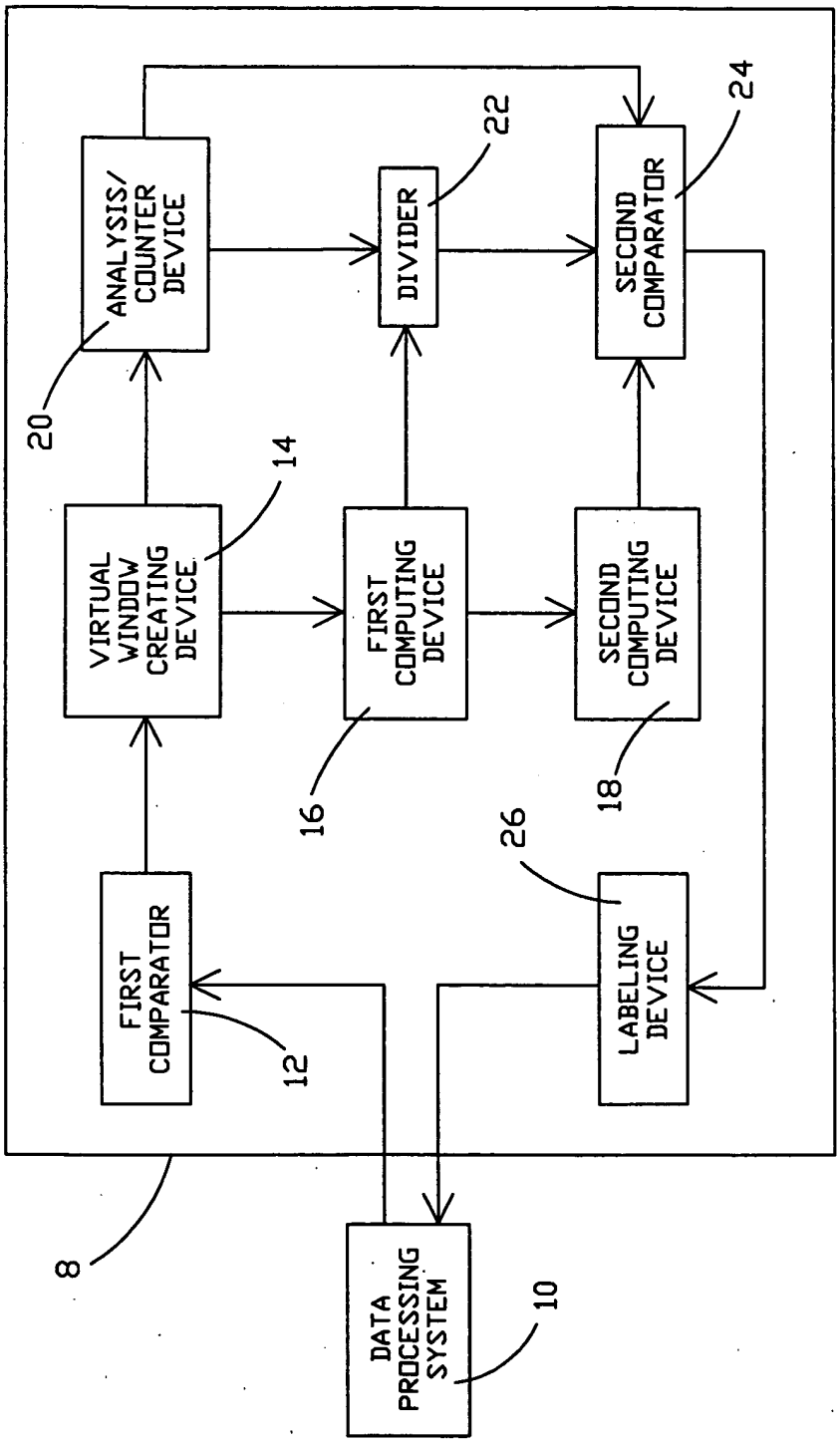

FIG. 4
<PRIOR ART>

BINOMIAL TABLE FOR $k=30, \Theta=.632, \alpha=.01$

m	$P(M=m)=\binom{k}{m}\Theta^{m}(1-\Theta)^{k-m}$	$P(M\leq m)=\sum_{0}P(M=m)$ (CUMULATIVE)	$P(M\geq m)$
0	0	0	
1	0	0	
2	0	0	
3	0	0	
4	0	0	
5	0	0	
6	0	0	
7	0	0	
8	0	0	
9	.00002	.00005	
10	.00063	.00068	
11	.00197	.00265(m_1), $P(M\leq m)\leq\alpha_0/2$	
12	.00536	.00801	
13	.0334	.0551	
14	.02661	.04738	
15 ° ° ° 24	DATA NOT SHOWN FOR m=15 to 24		
25	.01005	.98560	.03878
26	.00332	.99566	.01440
27	.00085	.99898(m_2), $P(M\geq m)\leq\alpha_0/2$	.00435
28	.00016	.99982	.00103
29	.00002	.99998	.00018
m=k=30	0	1.0	.0002

FIG. 5
(PRIOR ART)

REPLACEMENT SHEET

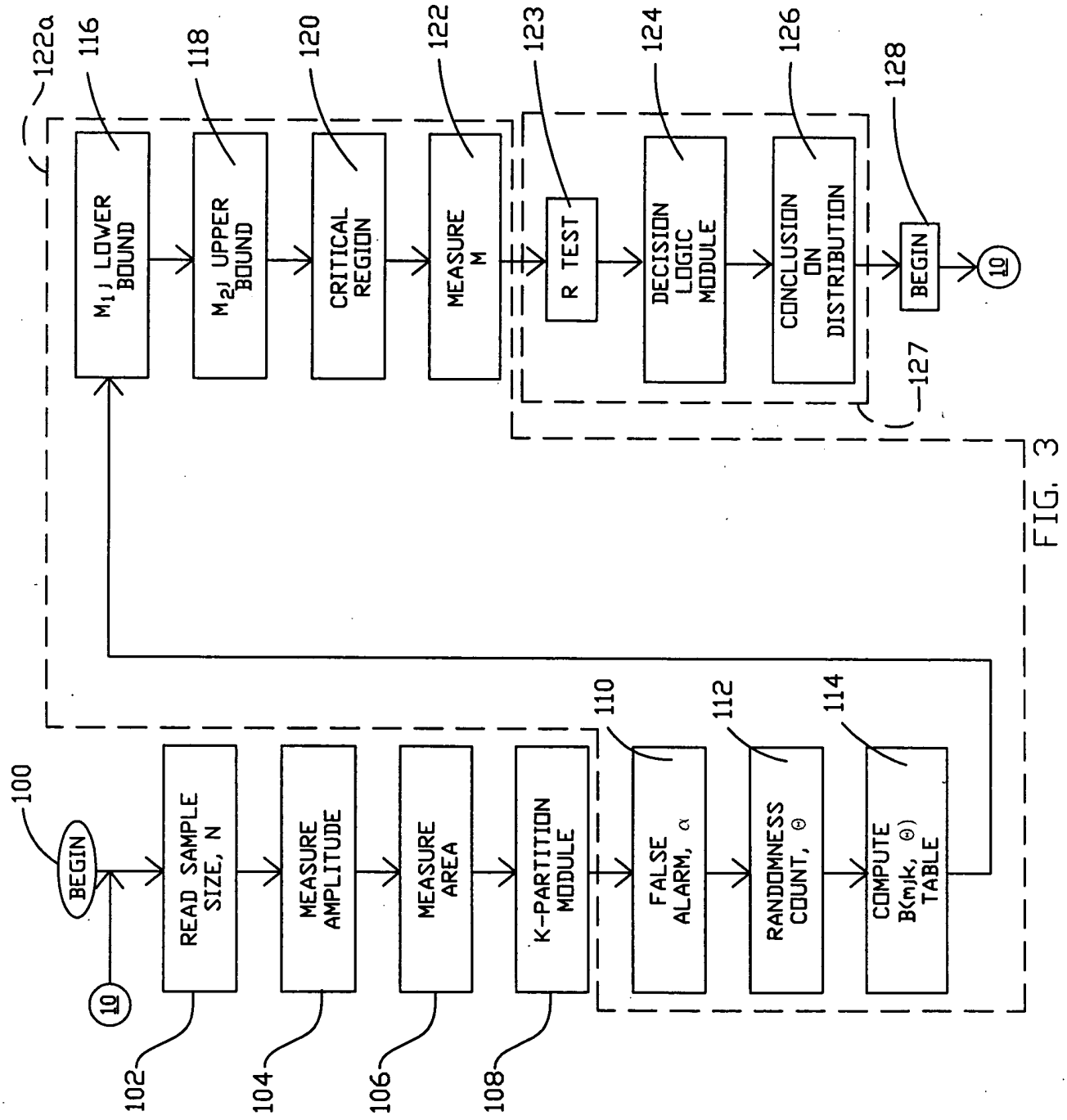
100
BEGIN
10
READ SAMPLE SIZE, N
MEASURE AMPLITUDE
MEASURE AREA
K-PARTITION MODULE
FALSE ALARM, α
RANDOMNESS COUNT, Θ
COMPUTE B(mjk, Θ) TABLE
102
104
106
108
110
112
114
122a
116
M_{1j} LOWER BOUND
118
M_{2j} UPPER BOUND
120
CRITICAL REGION
122
MEASURE M
123
R TEST
124
DECISION LOGIC MODULE
126
CONCLUSION ON DISTRIBUTION
127
128
BEGIN
10

FIG. 3